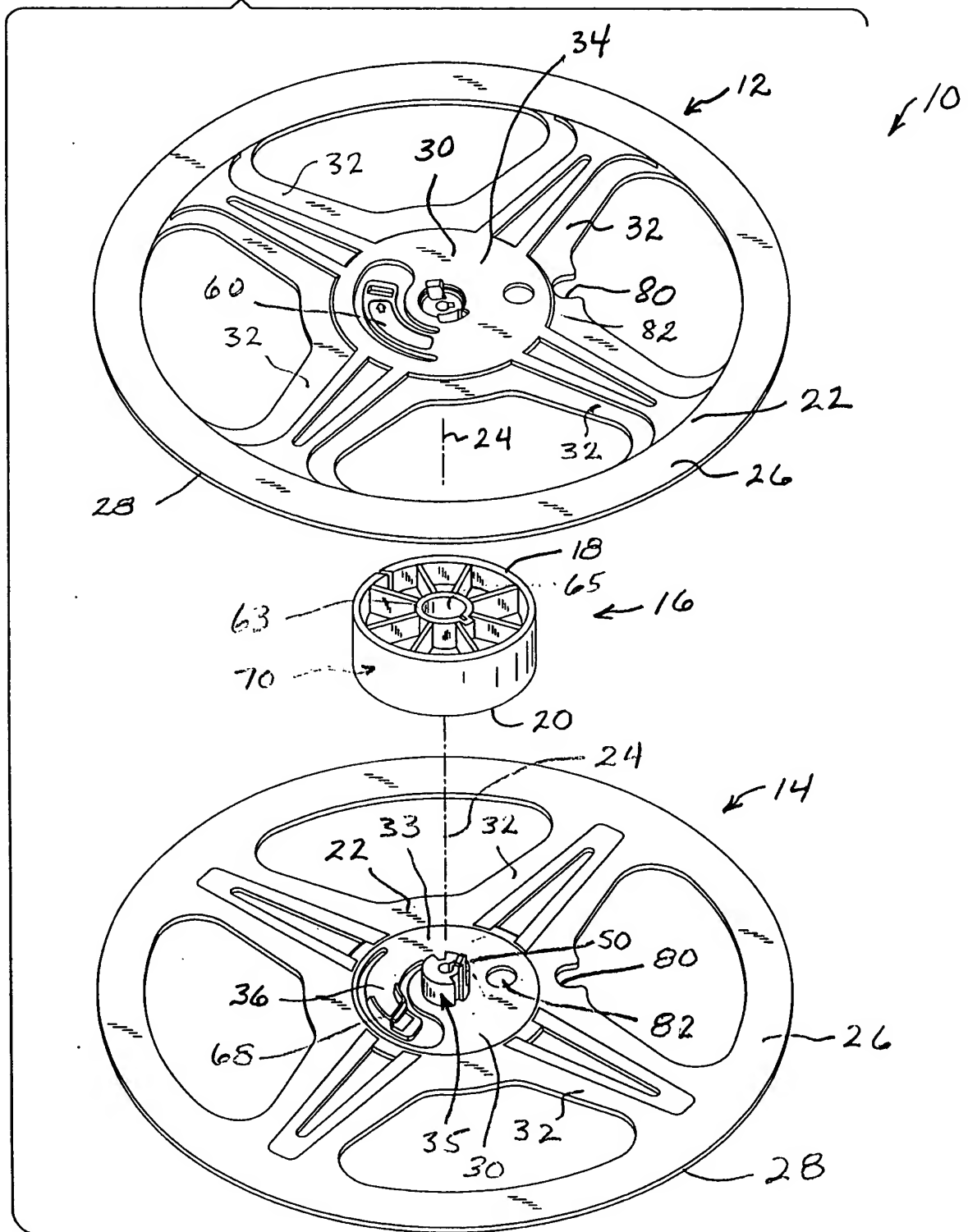


FIG. 1



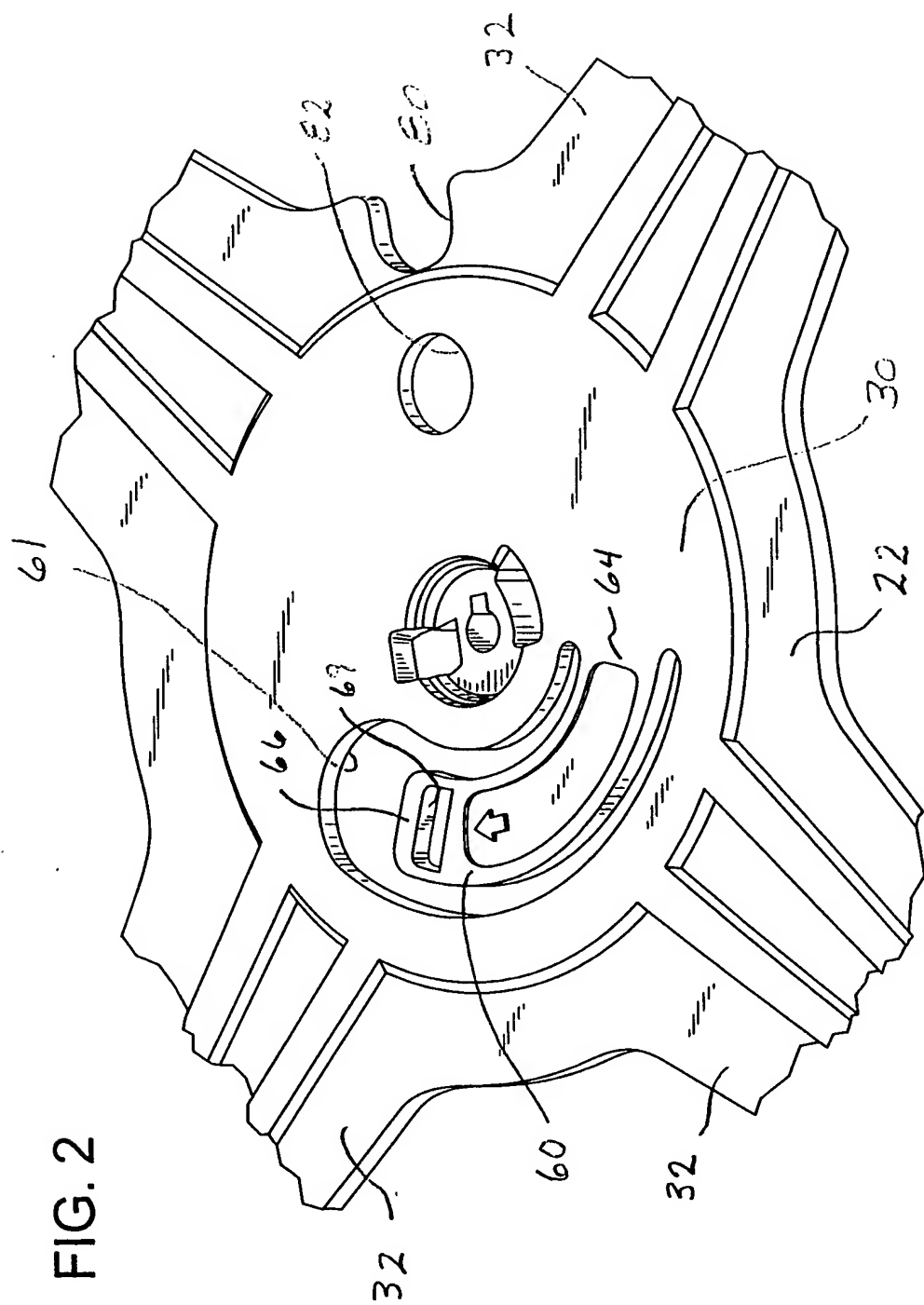


FIG. 2

FIG. 3

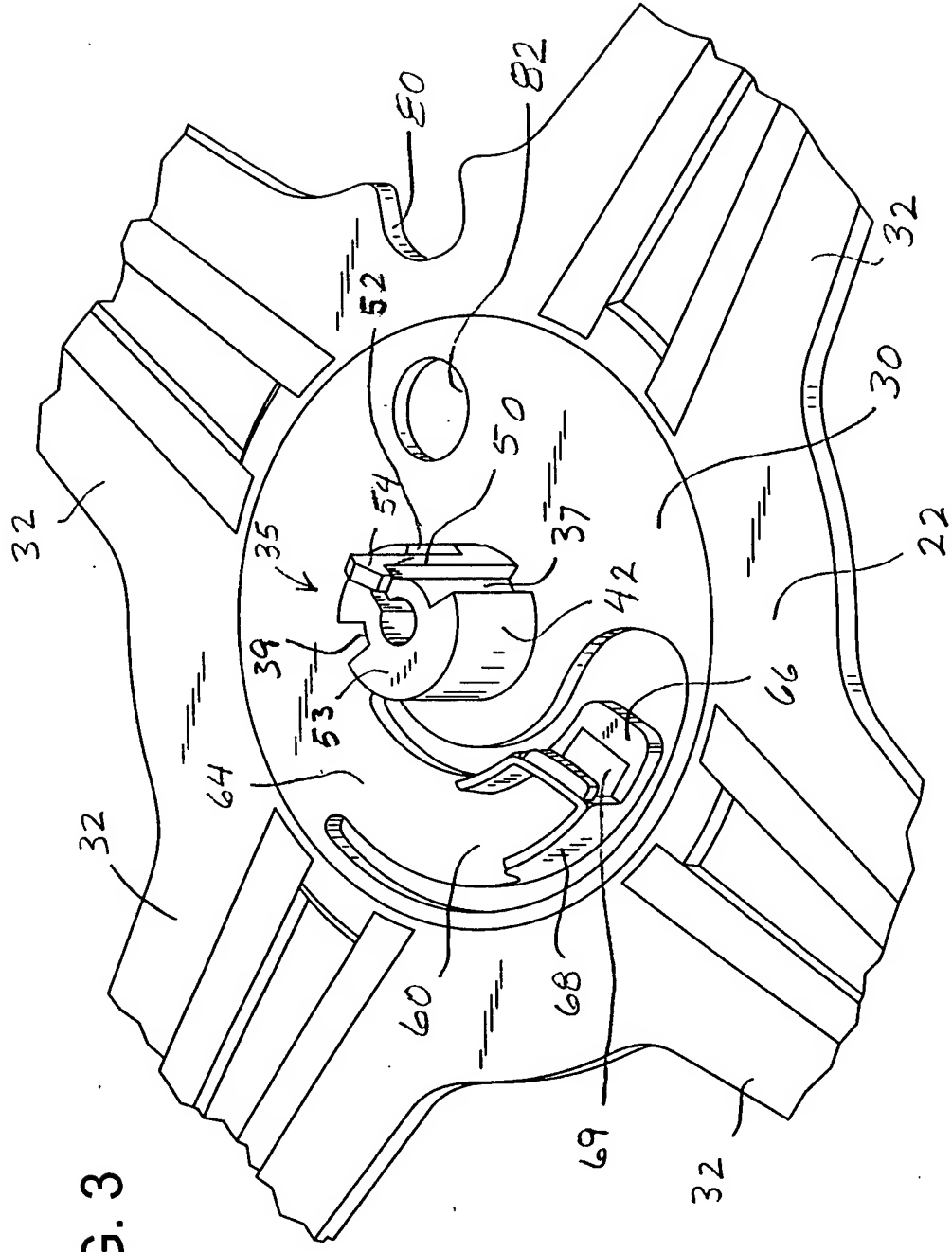


FIG. 4

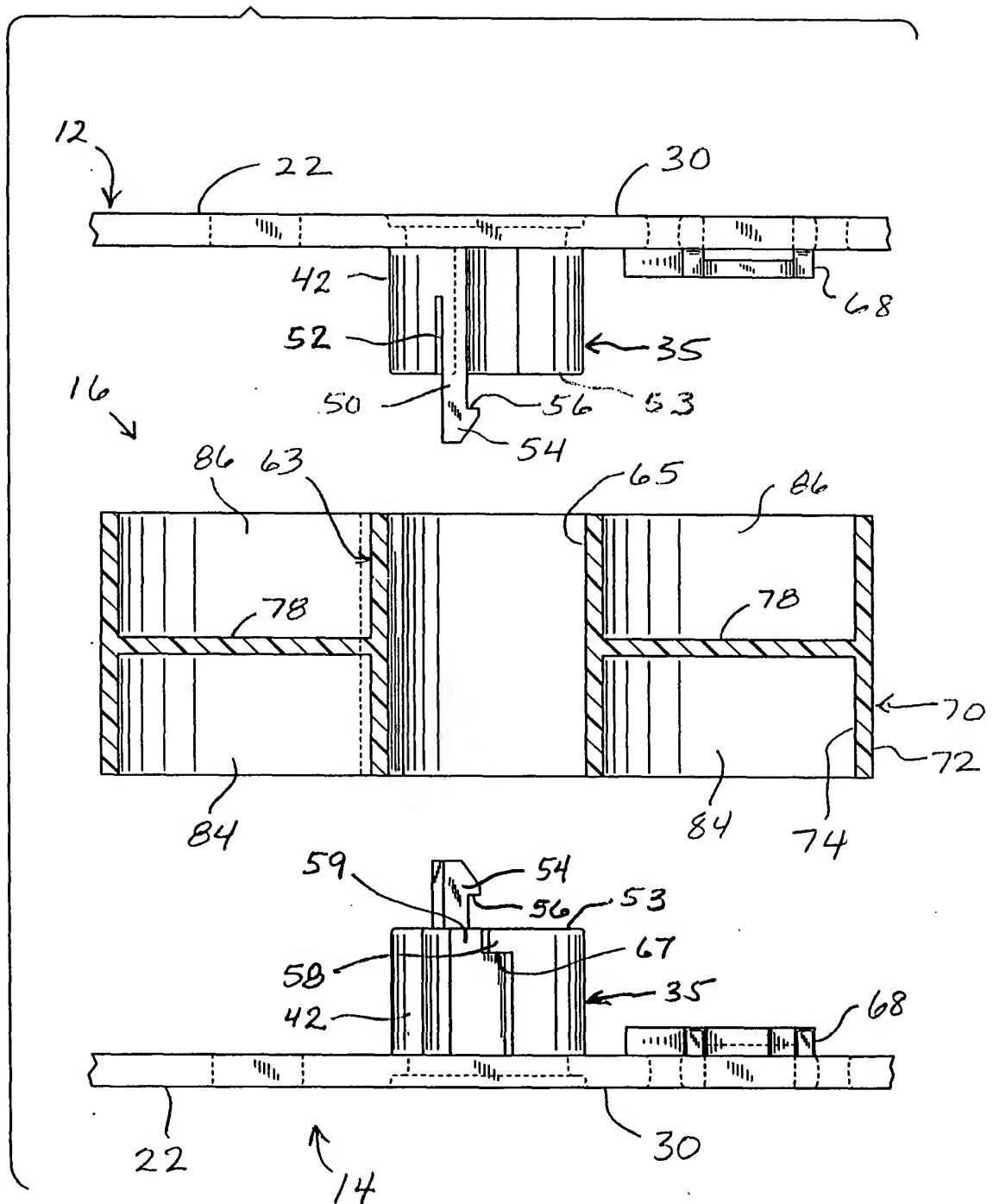


FIG. 5

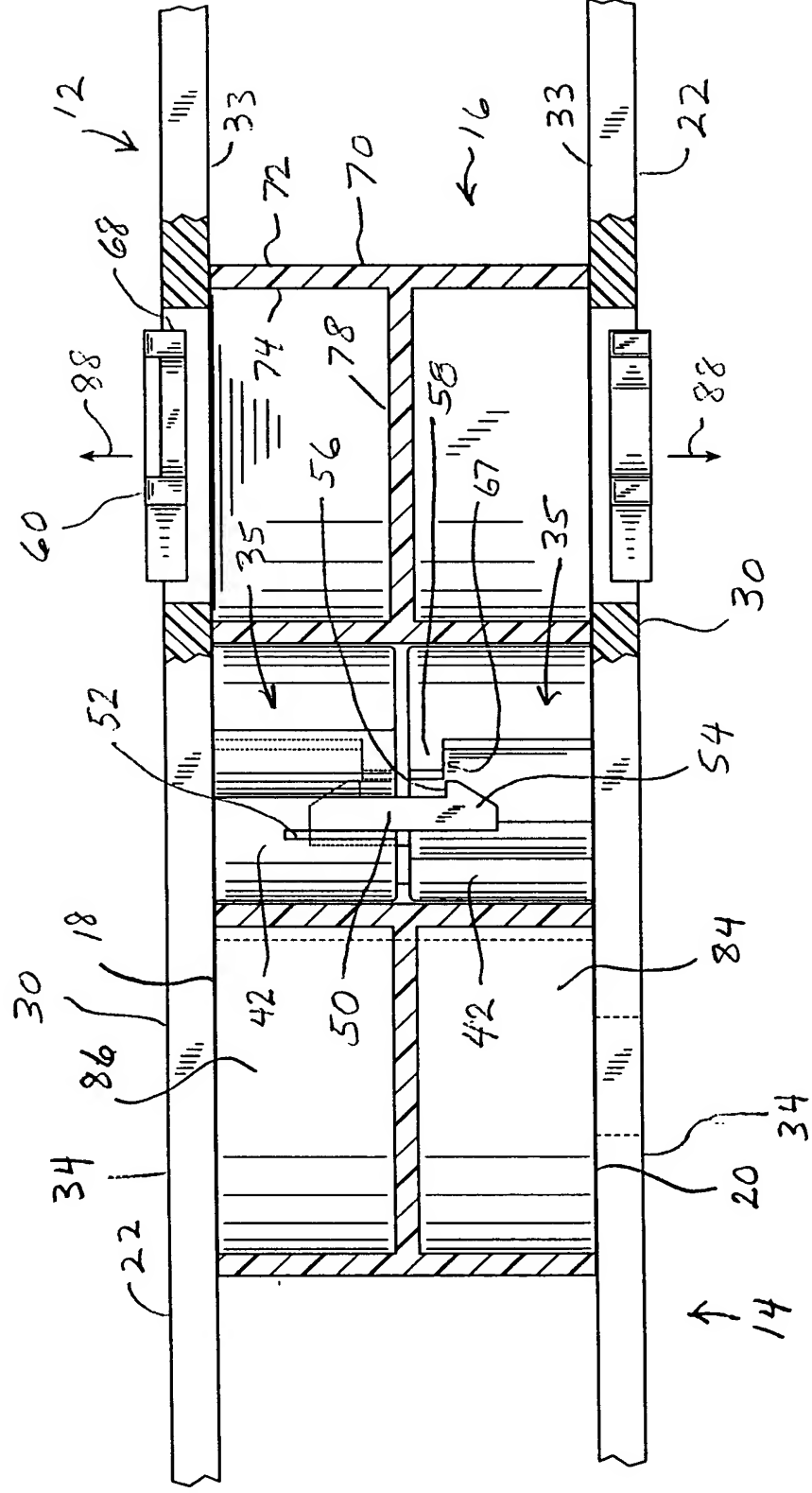




FIG. 7

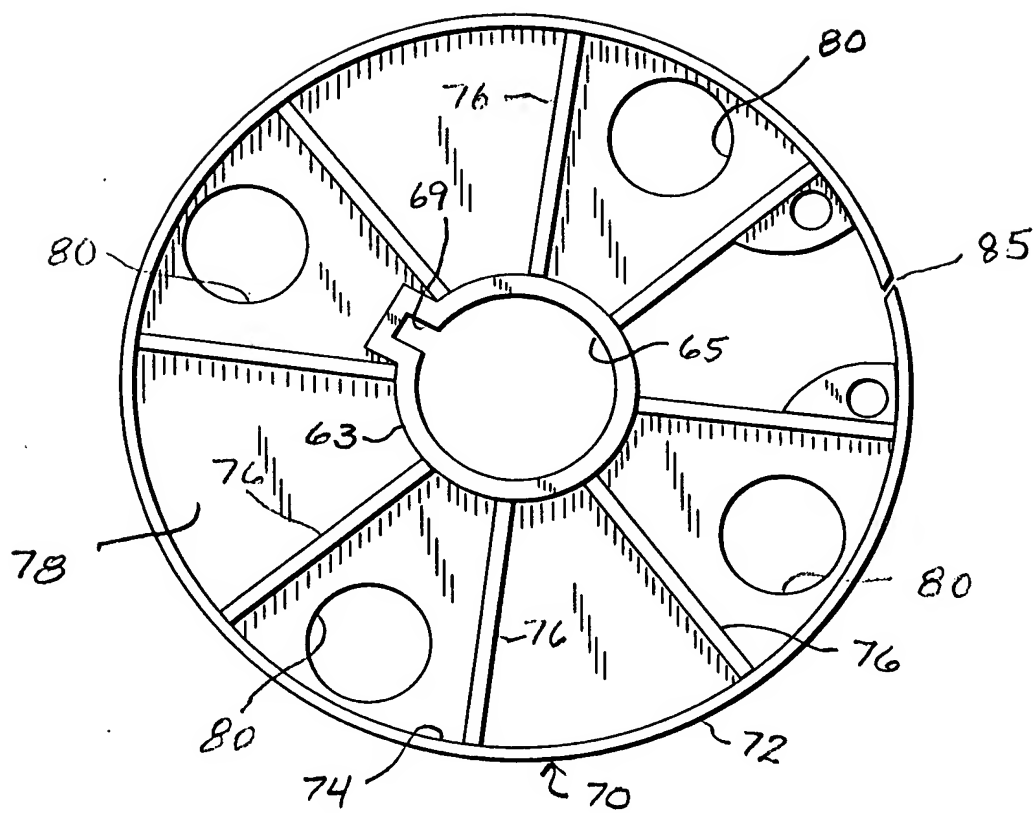


FIG. 8

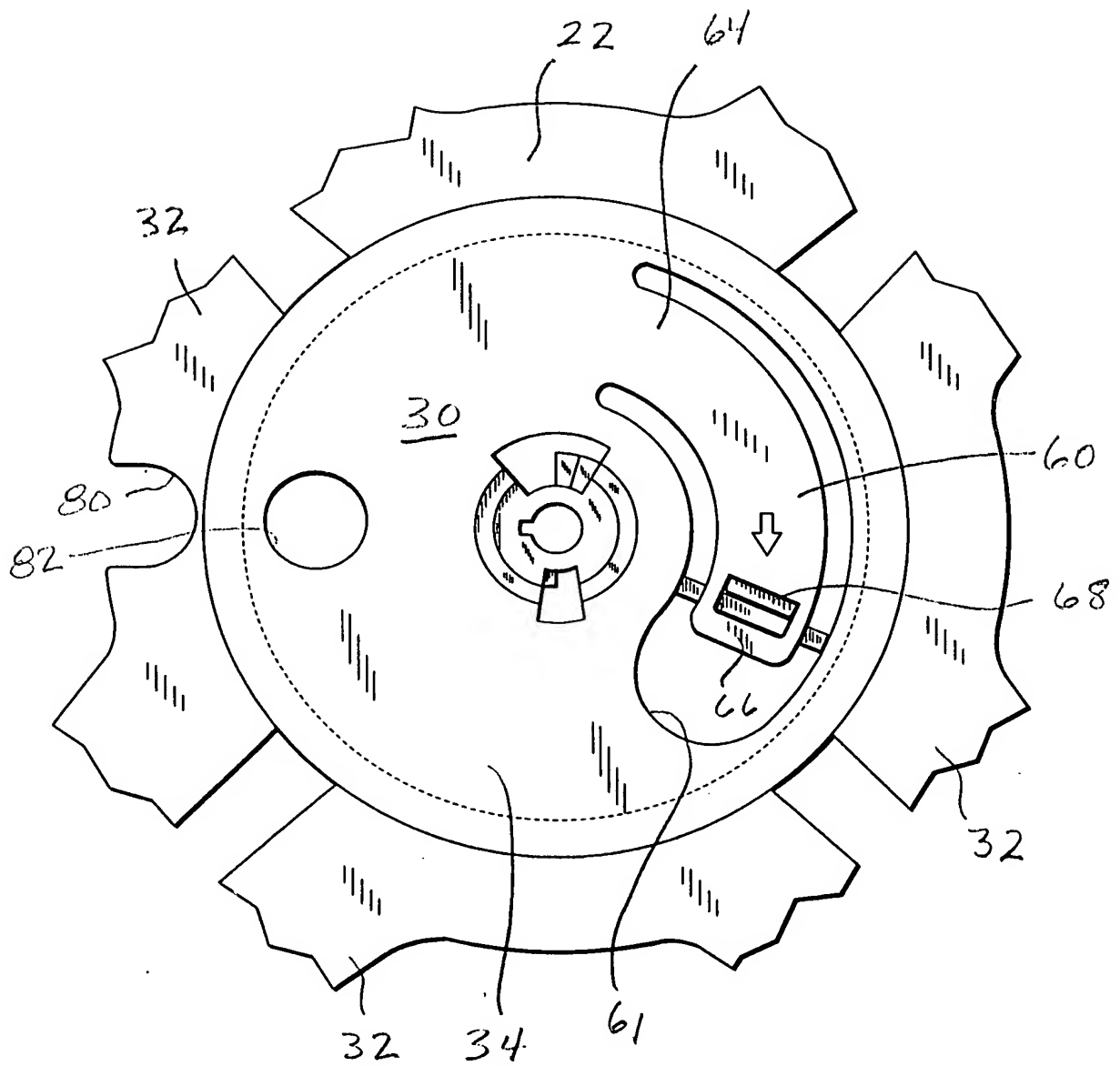




FIG. 1 is a schematic diagram of a circular mechanical assembly, likely a turbine or compressor. The assembly consists of a central hub (50) with four vanes (52, 54, 56, 58) arranged radially. The hub is mounted on a central shaft (53). A casing (60) surrounds the hub, featuring a scalloped outer edge (32) and a dashed inner circle (30). The casing includes a central opening (35) and a curved section (61) with a scalloped edge (68). A component (64) is shown within the casing, and a dashed line (66) indicates a specific feature. The diagram is labeled with various numbers: 22, 30, 32, 33, 35, 37, 42, 50, 52, 54, 56, 58, 60, 61, 64, 66, 68, 80, and 82.